

# Product datasheet

Specifications



## Acti 9 xID residual circuit breaker - 40 A - 2P - 30mA class SI instantaneous

A9N16237

### Main

Range	Acti9
Product name	Acti9 xID
Product or component type	Residual current circuit breaker (RCCB)
Device short name	xID
Poles description	2P
Neutral position	Left
[In] rated current	40 A
Network type	AC
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A-SI (Super Immunised)
Rated breaking and making capacity	500 A conforming to EN/IEC 61008-1
Suitability for isolation	Yes

### Complementary

Network frequency	50 Hz
[Ue] rated operational voltage	230...240 V AC 50 Hz
[Ui] rated insulation voltage	500 V AC 50 Hz
[Uimp] rated impulse withstand voltage	6 kV
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON, OFF, fault trip
Mounting mode	Clip-on
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Downside: biconnect
Connection pitch	18 mm between phases
9 mm pitches	4

Height	81 mm
Width	36 mm
Depth	75 mm
Net weight	210 g
Colour	White
Mechanical durability	4000 cycles
Electrical durability	4000 cycles
Locking options description	Padlocking device
Connections - terminals	Tunnel type terminals (top or bottom) 1...35 mm² rigid Tunnel type terminals (top or bottom) 1...25 mm² flexible
Wire stripping length	14 mm for top or bottom connection
Tightening torque	3.5 N.m top or bottom

## Environment

Standards	EN 61008-2-1 EN/IEC 61008-1 IEC 61008-2-1
Product certifications	ISI
IP degree of protection	IP20
Pollution degree	2
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-5...40 °C
Ambient air temperature for storage	-40...85 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.2 cm
Package 1 Width	3.8 cm
Package 1 Length	8.4 cm
Package 1 Weight	0.18 kg
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	10 cm
Package 2 Width	9.5 cm
Package 2 Length	26 cm
Package 2 Weight	1.32 kg
Unit Type of Package 3	S03
Number of Units in Package 3	54
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	12.367 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

Contractual warranty

Warranty	18 months
----------	-----------

Recommended replacement(s)